

Insulation of all significant hot water pipes

An extra layer of insulation around the hot water pipes

- Full pipe insulation of hot water pipes reduces heat loss and can raise water temperature at the tap by 2 °C to 4 °C when compared with un-insulated piping. This could allow for a lower **water temperature setting**.
- You also won't have to wait as long for hot water when you turn on a faucet or showerhead, which helps conserve water.

Application: On all hot water piping
Ease: 3-5/5 depending on pipe access
Availability: 5/5

Factors to consider:

It is generally uneconomical to insulate very long pipe runs although where a ring main is used it is important that the entire network is insulated to prevent excessive losses.

Full Pipe Insulation

Cost: Usually a lower rate per meter due to the increased length estimate R25-R35 per meter.

Payback: Dependant on length of pipe run and further reduction of geyser temperature, typically 3-5 years.

Requirements to meet criteria:

- All hot water pipe runs must be insulated
- The insulation must have a U Value of at least 1.0 W/m²k



*Savings:
Typically 2% to 5% of hot water bill*